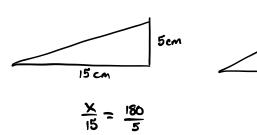
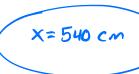
## 23.P.4



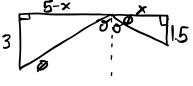
$$X = \frac{180 05}{5}$$



180cm

## 23. P. 8

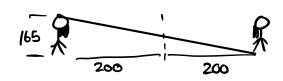




$$\frac{5-x}{3}=\frac{x}{1.5}$$



## 23.P.9



$$h = \sqrt{400^2 + 165^2} = 432.695 cm$$



- a.) Nothing will happen to the viewer since the roys of the pencil reflect below the mispoint.
- b.) The image will dissoper to the viewer due to the reflection being blocked.